

FEB 25 2013

Tier Two Emergency and Hazardous Chemical Inventory

Reporting Period From January 1 to December 31, 2012

Page 1 of 3

Facility Identification

Name Etowah River Terminal

Street 1015 Barlow Drive

City Charleston County Kanawha State WV Zip 25311

Latitude 38.368056 Longitude -81.606667 Country USA

Owner/Operator Name
Name Denny Farrell

Ex. 6 - Personal Privacy

Mailing Address (if different from facility address)

Street P.O. Box 713

City Charleston State WV Zip 25323 Country USA

Emergency Contact

Name Mike Burdette

Title Director of Operations

Phone

24 Hr. Phone 304-941-7316

NAICS Code 42269 Dun & Brad Number 78-827-6145

Name

Title

24 Hr. Phone

Chemical Description

Physical and Health Hazards

Inventory

Container Type Pressure Temperature

Storage Codes and Locations (Non-Confidential)

☒ Check if all of the information for this chemical is identical to the information submitted last year
CAS Trade Secret ☐

Chem. Name Ammonium lignosulfonate

☐ Check All ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

☒ Check if all of the information for this chemical is identical to the information submitted last year
CAS 10043-52-4 Trade Secret ☐

Chem. Name Calcium chloride

☐ Check All ☒ Pure ☐ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS

☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)

☐ Max. Daily Amount (code) 04 ☐ Avg. Daily Amount (code) 04 ☐ No. of Days On-site (days) 365

☐ J ☐ 1 ☐ 4 Warehouse

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 3.

and that based on my inquiry of those individuals responsible for obtaining this information, I believe the submitted information is true, accurate, and complete.

Mike Burdette - Director of Operations



02/20/2013

Name and official title of owner/operator OR owner/operator's authorized representative

Signature

Date signed

Optional Attachments

☐ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of dikes and other safeguards measures

Facility Name: Etowah River Terminal

Tier Two Continuation Page

Chemical Description		Physical and Health Hazards		Inventory		Storage Codes and Locations (Non-Confidential)	
				Container Type	Pressure	Temperature	
<input checked="" type="checkbox"/> Check if all of the information for this chemical is identical to the information submitted last year CAS 10043-52-4 Trade Secret <input type="checkbox"/> Chem. Name Calcium chloride solution		<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	07 Max. Daily Amount (code) 06 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A	1	4	Tanks 402-405
<input type="checkbox"/> Check All That Apply Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS							
<input checked="" type="checkbox"/> Check if all of the information for this chemical is identical to the information submitted last year CAS 56-81-5 Trade Secret <input type="checkbox"/> Chem. Name Crude glycerin, recovered		<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	07 Max. Daily Amount (code) 07 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A	1	4	Tanks 393, 394, 398-401
<input type="checkbox"/> Check All That Apply Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS							
<input checked="" type="checkbox"/> Check if all of the information for this chemical is identical to the information submitted last year CAS Magnafloc 156 Trade Secret <input type="checkbox"/> Chem. Name Magnafloc 156		<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	J	1	4	Warehouse
<input type="checkbox"/> Check All That Apply Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS							
<input checked="" type="checkbox"/> Check if all of the information for this chemical is identical to the information submitted last year CAS 26062-79-3 Trade Secret <input type="checkbox"/> Chem. Name Magnafloc 368		<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	J	1	4	Warehouse
<input type="checkbox"/> Check All That Apply Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS							

Chemical Description		Physical and Health Hazards	Inventory	Tier Two Continuation Page			Storage Codes and Locations (Non-Confidential)
				Container Type	Pressure	Temperature	
<input type="checkbox"/> Check if all of the information for this chemical is identical to the information submitted last year CAS 69418-26-4 Trade Secret <input type="checkbox"/>		<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	J	1	4	Warehouse
Chem. Name Magnafloc 455							
Check All That Apply Pure <input type="checkbox"/> Mix <input checked="" type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS <input type="checkbox"/>							
<input checked="" type="checkbox"/> Check if all of the information for this chemical is identical to the information submitted last year CAS 34885-03-5 Trade Secret <input type="checkbox"/>		<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A	1	4	Tanks 396-397
Chem. Name MCHM							
Check All That Apply Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas <input type="checkbox"/> EHS <input type="checkbox"/>							
<input checked="" type="checkbox"/> Check if all of the information for this chemical is identical to the information submitted last year CAS RDC-777 Trade Secret <input type="checkbox"/>		<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A	1	4	Tank 395, 401
Chem. Name Soda ash							
Check All That Apply Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS <input type="checkbox"/>							
<input checked="" type="checkbox"/> Check if all of the information for this chemical is identical to the information submitted last year CAS 497-19-8 Trade Secret <input type="checkbox"/>		<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input checked="" type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	J	1	4	Warehouse
Chem. Name Soda ash							
Check All That Apply Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS <input type="checkbox"/>							

Emergency Contacts

Name	Name
Title	Title
Phone Number () 24-hour Phone	Phone Number () 24-hour Phone
Email Address	Email Address

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

Name and official title of owner/operator OR owner/operator's authorized representative

Signature Date Signed

Reporting Ranges Weight Range in pounds		
Range Code	From	To
01	0	99
02	100	499
03	500	999
04	1,000	4,999
05	5,000	9,999
06	10,000	24,999
07	25,000	49,999
08	50,000	74,999
09	75,000	99,999
10	100,000	499,999
11	500,000	999,999
12	1,000,000	9,999,999
13	10,000,000	Greater than 10 million

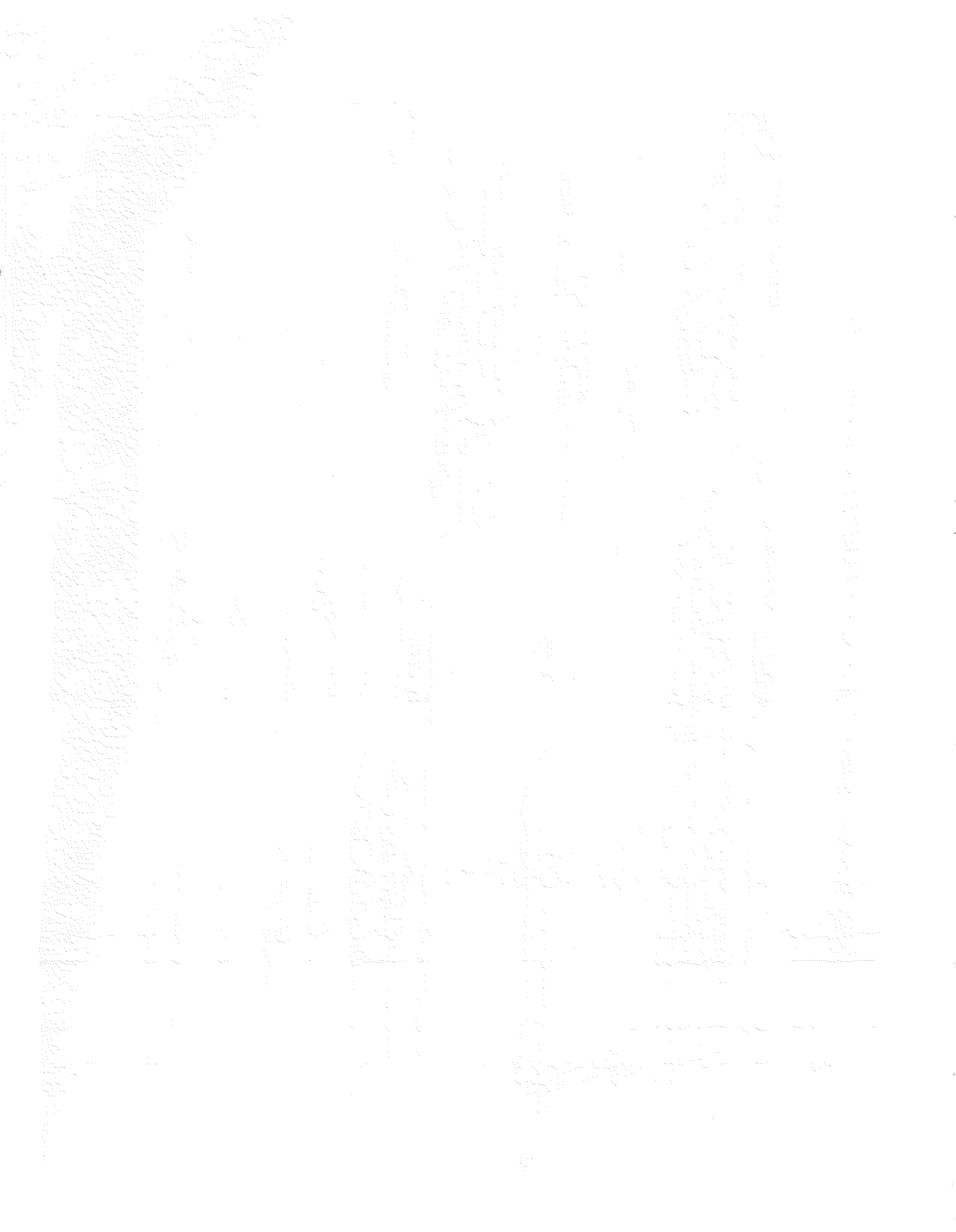
The public reporting and recordkeeping burden for this collection of information is estimated to range from 6 to 120 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave, NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

EPA Form No. 8700-30

OMB Control No. 2050-0072

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**Western
Biodiesel
Inc.**

Material Safety Data Sheet – Crude Glycerin

Manufacturer's Name: Western Biodiesel Inc.
466 ave and 82 nd St, lot 26
Abild's Industrial park
High River, Alberta, Canada

Phone: 1-403-652-1045
Date updated: 07/10/2008

DRAFT

1. Product Identification

Common Name: Crude Glycerin **Formula:** HO-CH₂-CH(OH)-CH₂-OH
Chemical Name: Glycerol; 1,2,3-Propanetriol; Glyceritol; Glycic Alcohol; 1,2,3-Trihydroxypropane; 1,2,3-Propanetriol **Chemical Family:** CAS No: 56-81-5
Molecular Weight: 92.09 g/Mol

2. Ingredients and Hazardous Classification

Hazardous Components	Percent	CAS No.	OSHA PEL	ACGIH PEL
Glycerin	75/85%	56-81-5	15 mg/m3 (mist)	10 mg/m3 (mist)
Water	<1%	7732-18-5	Not Established	Not Established
Ash	<5%		N/A	N/A
Methanol	<1%	67-56-1	TWA 200ppm	TWA 200ppm
MONG	<10%			

*MONG (Material Organic, Non-glycerol) typically animal fat, vegetable oil or biodiesel (methyl-ester)

3. Physical/Chemical Characteristics

Boiling Point: 300°F **Specific Gravity (H₂O = 1):** 1.23
Vapor Pressure: <1 mm Hg **Melting Point:** 20 deg C
Vapor Density (Air = 1): 3.17 **Energy Content (btu):** 8,750
Solubility in Water: Miscible
Appearance and Odor: Clear, "Tea" Colored Liquid with moderately strong odor.
This product shall only be burned in AENV approved Energy Recovery Facilities

4. Fire and Explosion Hazard Data

Flash Point (Method Used): 49 deg Celsius
Flammable Limits: Unknown
HMIS Rating HEALTH: 1 **FIRE:** 1 **REACTIVITY:** 0
Extinguishing Media: Use water, carbon dioxide, foam or dry chemical
Special Fire Fighting Procedures: Wear fire fighting protective equipment and a full face self-contained breathing apparatus. Evacuate area, cool fire exposed containers with water spray.
Unusual Fire and Explosion Hazards: Combustion or heat may produce hazardous or toxic decomposition products and vapors.

5. Reactivity Data

Reactivity: Stable
Conditions to Avoid: Excessive heat, open flame
Incompatibility (Materials to Avoid): Strong Oxidizing agents
Hazardous Decomposition or By-products: Carbon monoxide and Carbon dioxide
Hazardous Polymerization: Will Not Occur

Mailing Address: RPO Box 45068, High River, Alberta T1V 1R7
Plant Location: Lot 26 – 82nd Street, Abild's Industrial Park, Aldersyde, Alberta
www.western-biodiesel.com



Western Biodiesel Inc.

6. Health Hazard Data

LD50 glycerin: LD50 (oral rat) is 12,600 mg/kg

Route of Entry - Inhalation: No

Route of Entry - Skin: No

Route of Entry - Ingestion: No

Health Hazard Acute & Chronic: Target organs; Eye, Skin, Respiratory & GI Tracts. **Eye/Skin:** May cause irritation. **Inhalation:** May cause respiratory tract irritation. **Ingestion:** Mildly Toxic. May cause gastrointestinal discomfort. Chronic - Unknown.

Carcinogenicity: NTP: No

IARC: No

OSHA: No

Signs/Symptoms of Overexposure: Irritation, Nausea, Discomfort

Emergency First Aid: Get medical help if symptoms persist.

Inhaled: Remove to fresh air. Provide CPR/Oxygen if needed.

Eyes: Flush with water.

Ingestion: DO NOT INDUCE VOMITING. If conscious, drink plenty of water. Seek medical attention at once.

7. Ecological Information - Aquatic Toxicity

Glycerin eco-toxicity - Freshwater Fish Species Data

96 Hr LC50 rainbow trout: 50 mg/L; 96 Hr LC50 goldfish: >5000 mg/L – Not Acutely toxic

Methanol eco-toxicity - Freshwater Fish Species Data

96 Hr LC50 rainbow trout: >20,100 mg/L – Not acutely toxic

8. Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Wear protective equipment. Ventilate area. Remove open flames. Absorb with sand, vermiculite or similar material. Sweep up and place in an appropriate container. Hold for disposal. Wash contaminated spill area with water.

Waste Disposal Method: Recycle or dispose in approved facility. Observe all Local, Provincial and Federal Regulations.

Precautions To Be Taken in Handling and Storing: Store in a cool, ventilated place away from incompatible materials. Keep containers tightly closed.

Other Precautions: Wash thoroughly with soap and water after handling and before eating, drinking, or smoking.

This product shall not be used in space heaters due to the high flash point.

1. Control Measures

Respiratory Protection: None normally required

Ventilation: Mechanical

Protective Gloves: Rubber, Neoprene, PVC recommended

Eye Protection: Chemical splash goggles

Other Protective Clothing or Equipment: Lab coat

Work/Hygienic Practices: Observe good industrial Hygiene Practices and recommended procedures

2. Environmental

Minimum Combustion Temperature:

3. Transportation

DOT Code: N/A

DOT Shipping Name: Glycerin

Other Regulatory: Listed in TSCA inventory



Western Biodiesel Inc.

The information provided is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

Mailing Address: RPO Box 45068, High River, Alberta T1V 1R7
Plant Location: Lot 26 – 82nd Street, Abild's Industrial Park, Aldersyde, Alberta
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